

10/581100

AP3 Rec'd PCT/PTO 31 MAY 2005

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Filho et al.

Docket No.

60680-1035

Application No.  
UnassignedFiling Date  
5/31/06Examiner  
UnassignedCustomer No.  
26127Group Art Unit  
UnassignedInvention: **COOLING SYSTEM**

I hereby certify that the following correspondence:

**Information Disclosure Statement, Form 1449 and 18 References**

(Identify type of correspondence)

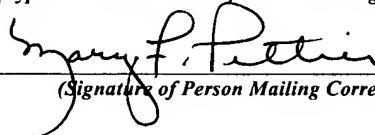
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May 31, 2006

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Mary Peltier

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ED 398 094 745 US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Filho et al.

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|-----------------|----------------|-----------------|------------|
| Serial No.:     | Unassigned     | Group Art Unit: | Unassigned |
| Filed:          | 05/31/06       | Examiner:       | Unassigned |
| For:            | Cooling System |                 |            |
| Atty. Dkt. No.: | 060680-1035    |                 |            |

Commissioner for Patents  
Mail Stop 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Sir:

Applicant submits this Information Disclosure Statement in accordance with the duty of disclosure under 37 C.F.R. §1.56 and §1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b)(1). Enclosed herewith is the List of References Cited by Applicant (PTO-1449) (four sheets), as well as a copy of each reference listed thereon that is not a U.S. patent or U.S. published patent application.

For those references listed on attached Form PTO-1449 that are in English, no further commentary by Applicant is believed necessary, 37 C.F.R. §1.98(a)(3). For those references listed on the attached Form PTO-1449 that are in a language other than English, but were identified in an English language Search Report for a corresponding application, Applicants refer the Examiner to the English language Search Report submitted herewith. MPEP § 609. Finally, for those references listed on the attached Form PTO-1449 that are in a language other than English, but were not identified in an English language Search Report for a corresponding application, Applicants submit the following statements of relevance:

DE 197 17 705: This publication appears to disclose a clutch including was along with an electrical heating device which enable the clutch engagement to be temperature controlled:

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JP 52-022646: This publication appears to disclose a method of controlling a fan clutch using wax.

JP 01-120441: This publication appears to disclose a clutch device for a cooling fan in which the clutch is engaged by the melting of wax which pushes a clutch disc via both a piston and a clutch plate.

Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

Applicant, by submitting this Information Disclosure Statement, is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Information Disclosure Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, is otherwise "material to patentability," as that term is defined in that section.

Respectfully submitted,

  
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Customer No 26,127  
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39577 Woodward Ave, Suite 300  
Bloomfield Hills, MI 48304-2820  
(248) 203-0822  
Attorney for Applicant

Dated: 05-31-06

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| INFORMATION DISCLOSURE CITATION<br><i>(Use several sheets if necessary)</i>   |  |   | ATTY DOCKET NO.              |                 | APPLICATION NO.              |          |                            |
|---|--|---|------------------------------|-----------------|------------------------------|----------|----------------------------|
|   |  |   | 060680-1035                  |                 | Unassigned                   |          |                            |
|   |  |   | APPLICANT(S)<br>Filho et al. |                 | 10/581100                    |          |                            |
|   |  |   | FILING DATE<br>5/31/06       |                 | GROUP ART UNIT<br>Unassigned |          |                            |
| <b>U.S. PATENT DOCUMENTS</b>  |  |   |                              |                 |                              |          |                            |
| *EXAMINER INITIAL   |  | DOCUMENT NUMBER   | DATE                         | NAME            | CLASS                        | SUBCLASS | FILING DATE IF APPROPRIATE |
|   |  | 3,379,891   | 04/23/1968                   | Aroyan          |                              |          |                            |
|   |  | 3,792,697   | 02/19/1974                   | Walter et al.   |                              |          |                            |
|   |  | 5,893,441   | 04/13/1999                   | Reeb            |                              |          |                            |
|   |  |   |                              |                 |                              |          |                            |
|   |  |   |                              |                 |                              |          |                            |
| <b>U.S. PATENT APPLICATION PUBLICATIONS</b>   |  |   |                              |                 |                              |          |                            |
| *EXAMINER INITIAL   |  | DOCUMENT NUMBER   | DATE                         | NAME            | CLASS                        | SUBCLASS | FILING DATE IF APPROPRIATE |
|   |  | 2002-0005328 A1   | 01/17/2002                   | Heinle et al.   |                              |          |                            |
|   |  |   |                              |                 |                              |          |                            |
|   |  |   |                              |                 |                              |          |                            |
|   |  |   |                              |                 |                              |          |                            |
| <b>FOREIGN PATENT DOCUMENTS</b>   |  |   |                              |                 |                              |          |                            |
|   |  | DOCUMENT NUMBER   | DATE                         | COUNTRY         | CLASS                        | SUBCLASS | TRANSLATION                |
|   |  | JP 52-022646 A  | 02/21/1977                   | Japan           |                              |          | YES                        |
|   |  | DE 28 09 187 A1   | 09/13/1979                   | Germany         |                              |          | NO                         |
|   |  | DE 28 34 199 A1   | 02/21/1980                   | Germany         |                              |          |                            |
|   |  | GB 2 036 202 A  | 06/25/1980                   | United Kingdom  |                              |          |                            |
|   |  | EP 0 054 896 A1   | 06/30/1982                   | Europe          |                              |          |                            |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |  |   |                              |                 |                              |          |                            |
|   |  | U.K. Search Report issued in U.K. patent application GB0327966.8 (May 5, 2004)                  |                              |                 |                              |          |                            |
|   |  | International Search Report issued in PCT patent application PCT/GB2004/005020 (March 24, 2005) |                              |                 |                              |          |                            |
| EXAMINER  |  |   |                              | DATE CONSIDERED |                              |          |                            |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |  |   |                              |                 |                              |          |                            |

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AP3 Rec'd PCT/MAY 2006

| INFORMATION DISCLOSURE CITATION<br><i>(Use several sheets if necessary)</i>   |  |  | ATTY DOCKET NO.<br>060680-1035 |                 | TRANSLATION NO.<br>Unassigned          |          |                            |
|---|--|--|--------------------------------|-----------------|--|----------|----------------------------|
|   |  |  | Filho et al.                   |                 | FILING GROUP ART<br>5/31/06 Unassigned |          |                            |
| U.S. PATENT DOCUMENTS   |  |  |                                |                 |  |          |                            |
| *EXAMINER INITIAL   |  | DOCUMENT NUMBER                              | DATE                           | NAME            | CLASS                                  | SUBCLASS | FILING DATE IF APPROPRIATE |
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| U.S. PATENT APPLICATION PUBLICATIONS  |  |  |                                |                 |  |          |                            |
| *EXAMINER INITIAL   |  | DOCUMENT NUMBER                              | DATE                           | NAME            | CLASS                                  | SUBCLASS | FILING DATE IF APPROPRIATE |
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| FOREIGN PATENT DOCUMENTS  |  |  |                                |                 |  |          |                            |
|   |  | DOCUMENT NUMBER                              | DATE                           | COUNTRY         | CLASS                                  | SUBCLASS | TRANSLATION                |
|   |  | JP 60-093114 A                               | 05/24/1985                     | Japan           |  |          | YES                        |
|   |  | JP 01-120441 A                               | 05/12/1989                     | Japan           |  |          | NO                         |
|   |  | DE 43 25 627 A1                              | 02/02/1995                     | Germany         |  |          |                            |
|   |  | DE 197 17 705 A1                             | 10/29/1998                     | Germany         |  |          |                            |
|   |  | JP 2001-090537                               | 04/03/2001                     | Japan           |  |          |                            |
| OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>   |  |  |                                |                 |  |          |                            |
|   |  | English language abstract of EP 0 054 896 A1 |                                |                 |  |          |                            |
|   |  | English language abstract of DE 28 34 199 A1 |                                |                 |  |          |                            |
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AP3 Rec'd PGM 10-31 MAY 2005  
ATTY DOCKET NO. APPLICATION NO.  
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**INFORMATION DISCLOSURE CITATION**  
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Filho et al.

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**U.S. PATENT DOCUMENTS**

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**U.S. PATENT APPLICATION PUBLICATIONS**

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**FOREIGN PATENT DOCUMENTS**

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|  |  |                 |      |         |       |          | YES         | NO |
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**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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|--|--|--|---|
|  |  |  | English language abstract of JP 2001-090537 |
|  |  |  | English language abstract of JP 60-093114 A |

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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AP3 Rec'd PC/MAY 8 2006  
ATTY DOCKET NO.  
060680-1035  
APPLICATION NO.  
Unassigned
**INFORMATION DISCLOSURE CITATION**  
*(Use several sheets if necessary)*

Filho et al.

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GROUP ART

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**U.S. PATENT DOCUMENTS**

| *EXAMINER INITIAL |  | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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**U.S. PATENT APPLICATION PUBLICATIONS**

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**FOREIGN PATENT DOCUMENTS**

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|  |  |   |
|--|--|---|
|  |  | English language abstract of JP 52-022646 A |
|  |  | English language abstract of JP 01-120441 A |

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| EXAMINER | DATE CONSIDERED |
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